

**ABSTRACT**

A method for producing an electrode pattern in a conductive polymer disposed on a substrate, the method comprising the steps of: applying a layer containing a conductive polymer on a substrate; and printing a pattern on  
5 said layer using a printing solution containing a conductivity enhancing agent such that the resistivity of the areas that are contacted with the printing solution decreases by at least a factor of 10. A formulation and a thin film element for performing the method are also disclosed.